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ANNOUNCEMENT

MARQUETTE
UNIVERSITY

DEPARTMENT *of* DENTISTRY

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MILWAUKEE MEDICAL COLLEGE
1908-1909

Dentistry

Dentistry

1908-9

UNIVERSITY OF ILLINOIS

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Marquette University



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COLLEGE OF ARTS and
SCIENCES.

MEDICAL DEPT.
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Department of Dentistry

Annual Catalogue and
Announcement
for 1908-1909

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Milwaukee, Wisconsin

MARQUETTE UNIVERSITY.

Member of the National Association of Dental Faculties and
Recognized by the National Association of
Dental Examiners.

Faculty.

- JAMES McCABE..... PRESIDENT OF THE UNIVERSITY
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W. T. REEVES, D.D.S..... Masonic Temple, Chicago
Emeritus Professor of Operative Dentistry.
- HENRY L. BANZHAF, B.S., D.D.S., Dean..... Wells Bldg.
Professor of Operative Dentistry.
- B. G. MAERCKLEIN, D.D.S., M.D..... Mathews Bldg.
Professor of Oral Surgery.
- HARVEY N. JACKSON, D.D.S..... Wells Bldg.
Professor of Prosthetic Dentistry and Metallurgy.
- A. J. KUHNMUENCH, D.D.S..... Cawker Bldg.
Professor of Pathology, Materia Medica and Therapeutics.
- W. G. DOERN, M.S., M.D..... 221 Grand Ave.
Professor of Anatomy.
- ALBERT H. BRUNDAGE, A.M., M.D., M.S.... 2404 State St.
Professor of Toxicology and Physiology.
- R. E. W. SOMMER, PH.G..... 1302 Wells St.
Professor of Chemistry.
- D. HOPKINSON, M.D..... 1058 Third St.
Professor of Histology and Bacteriology.
- M. N. FEDERSPIEL, D.D.S..... Goldsmith Bldg.
Professor of Orthodontia.
- GEORGE H. CARTER, D.D.S..... College Bldg.
Professor of Clinical Dentistry.
- WILLIAM HOPKINSON, D.D.S..... Brady and Farwell Ave.
Associate Professor of Histology.
- B. F. PEISCH, M.D..... College Bldg.
Associate Professor of Anatomy.
- ARTHUR H. SANFORD, A.M., M.D..... 2404 State St.
Associate Professor of Toxicology and Physiology.
- ARTHUR A. JENNINGS, D.D.S..... Wells Bldg.
Instructor in Porcelain and Gold Inlay Fillings.

MARQUETTE UNIVERSITY,

Faculty—Continued.

- O. G. KRAUSE, D.D.S.....Wells Bldg.
Instructor in Prosthetic Technics.
- M. F. MACRAE, D.D.S.....College Bldg.
Instructor in Dental Anatomy and Operative Technics.
- T. A. HARDGROVE, D.D.S.....Fond du Lac, Wis.
Lecturer on Special Pathology and Oral Prophy Laxis.
- R. N. BAUER, PH.G.....1701 State St.
Instructor in Chemistry.
- GEORGE W. KOEPPEL, JR., M.D.....644 Greenfield Ave.
Instructor in General Pathology.
- J. W. PEGRAM, M.D.....283 Twenty-seventh St.
Lecturer on Physical Diagnosis and Anaesthesia.
- W. E. TENNANT, D.D.S.....Fond du Lac, Wis.
Instructor in Materia Medica and Therapeutics.
- ALBERT H. PURDY, M.D.....Mathews Bldg.
Lecturer on Syphilis.
- GEORGE H. DICKINSON, D.D.S., M.D.....455 Murray Ave.
Lecturer on Surgical Anatomy.
- ARNO C. GAUERKE, D.D.S.....847 Third St.
Assistant in Dental Anatomy and Operative Technics.
- E. J. LUNZ, D.D.S.....819 Third St.
Demonstrator in Infirmary Clinic.
- CARL MARCAN, D.D.S.....2630 Vliet St.
Demonstrator in Infirmary Clinic.
- JAMES D. NELSON, D.D.S.....1215 Cedar St.
Demonstrator in Infirmary Clinic.
- O. C. SAMPHERE, D.D.S.....121 Wisconsin St.
Demonstrator in Crown and Bridge Work in Infirmary Clinic.
- WILLIAM L. NEUBERT, D.D.S.....3423 Lisbon Ave.
~~—~~ *Demonstrator of Anaesthesia in Infirmary Clinic.*
- WILLIAM J. CRONYN, M.D., A.M. S.U.S.....105 Grand Ave.
Lecturer on Dental Jurisprudence.

Instructors in Anatomy.

- C. C. DIFFERT, M.D. A. E. MIEDING, PH.G., M.D.
B. L. STINSON, M.D. A. J. SOMMER, M.D.

*Registrar and Cashier,
WILLIAM H. NELSON.*

DEPARTMENT OF DENTISTRY.

Clinical Instructors.

JOHN S. BATCHELOR, D. D. S.
B. C. CAMPBELL, D. D. S.
JOHN P. CARMICHAEL, D. D. S.
W. H. CHILSON, D. D. S.
WM. J. CLAASON, D. D. S.
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W. T. SAUNDERS, D. D. S.
E. J. WEAVER, D. D. S.
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C. M. OLSON, D. D. S.
FRANK R. HOUSTON, D. D. S.
WM. E. O'KEEFE, D. D. S.
GEORGE A. STRATTON, D. D. S.
ALBERT J. DU BOIS, D. D. S.
E. J. LUNZ, D. D. S.

CALENDAR FOR 1908-1909.

The matriculation books are now open.

October 5, 8 P. M.—Opening exercises.

October 6—Lectures begin.

October 17—Last day for entering.

November 26—Thanksgiving holiday.

December 23 to January 4—Christmas holidays.

January 4—Lectures resume.

January 30—Close of first semester.

February 22—Washington's birthday.

May 10-22—Final examinations.

May 24—Commencement exercises.

MARQUETTE UNIVERSITY.



O THE STUDENT about to enter upon the most important period of his educational career, the selection of an Alma Mater is a matter of most vital importance. Congenial environment has much to do with the making or marring of this selection, for one's efforts to assimilate knowledge, are best subserved when such conditions are of a distinctly agreeable nature. Anything, in fact, that is liable to disturb the mental equilibrium or arouse antagonism, is bound to prove detrimental to the best interests and ultimate success of the one so affected.

It is from a oneness of purpose among students, and between student and preceptor; a broadly developed loyalty to one's university, (not just so far as self-interests are concerned, but in everything pertaining to its welfare as a whole), that alone can emanate that which is certain to prove of greatest good and most enduring benefit to all parties concerned.

Marquette University is particularly fortunate in the many exceptional advantages it can offer to those who aspire to the innumerable triumphs and emoluments, that are the recognized perquisites of a successful professional career.

To one of ambitious temperament the field is a most inviting one, obstacles adding but zest to intelligent endeavor, while, throughout his entire course, the deserving student experiences renewed confidence, in the moral and material aid, at all times afforded, by those to whom he has entrusted the direction of his education.

MARQUETTE UNIVERSITY,

Whether it be in the Academic Department, College of Arts and Sciences, Department of Medicine, Pharmacy, Engineering, Law, or DENTISTRY, he will discover a faculty whose sole desire is to cheer, admonish and assist; whose one great ambition is to develop to the utmost the latent possibilities within him and make of him a power for good among his fellows; a broad-minded, tolerant man, and perfect master of whichever branch of professional life he may have chosen to adopt.

Educational facilities afforded the aspiring student, at Marquette University, are above the average. It is not alone that the faculty is composed of vigorous, progressive men, trained to a thorough appreciation of advanced conditions and present day requirements, nor, that with singleness of purpose, they have dedicated their best energies to the development of that higher order of intelligence that is co-ordinate with the most perfect professional understanding, for behind this physical and mental virility, there is an exquisitely arranged curriculum, and finest equipment in the way of apparatus and other appliances, in the entire northwest.

With such facilities as these at his command, a young man, having once decided to fit himself for a professional career, need have no hesitancy in declaring for Milwaukee, as the field of final endeavor, and deciding on Marquette University, as the medium, through which, with reasonable perseverance, he may attain to the heights of professional success.

DEPARTMENT OF DENTISTRY.

Location and Equipment.

The Dental School is located in what is known as the Medical Building of the University, at the corner of Ninth and Wells Streets. It is conducted for the purpose of preparing young men and women for the successful practice of dentistry. The practical experience given our students is very thorough and complete, as at the beginning of the second semester of the second year, they are all working upon the living subject. The building covers a ground area of 11,900 square feet, has a frontage of 150 feet on Wells Street, and is six stories high. In addition to its many laboratories and classrooms, it has three large amphitheaters, well lighted and ventilated, so placed and arranged that instruction may be given in all of them at the same time without interfering in any way with one another.

The Dental Infirmary is on the second floor and extends the entire length of the building—a distance of 150 feet. It, as well as the prosthetic laboratories, is thoroughly equipped for the teaching of modern methods of dental practice.

The Public Library and Museum almost joins the college building and is one of the finest of its kind in the United States. It has a large circulating department of which our students may avail themselves.

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Requirements for Admission.

A candidate for admission into the freshman class who presents a certificate from a high school showing that he has completed three years of study, or who has credentials for preliminary training equal to completion of three years of high school work, may be admitted without examination.

Of all other candidates a preliminary examination is required. This examination is the equivalent of the final test of the third year of high school work. It is held by an educator, appointed for that purpose by the State Superintendent of Public Instruction. The cost of this examination is borne by the college.

Students are not admitted to the regular course of study later than ten days after the opening of the school, unless detained by illness certified to by the attending physician, and in this case not later than twenty days after the opening date.

Beginning with the session of 1909-1910 this school will advance its requirements for admission to high school graduation or equivalent certificate, or upon passing a satisfactory examination.

Admission to Advanced Standing.

Students are admitted to the second and third years respectively, who present certificates from a recognized Dental College showing that the required courses for each year have been successfully completed.

Students who present credentials from a reputable literary or medical school for work done in branches taught in this school, may receive credit for work done in these subjects.

A graduate of a reputable Medical College may enter the Junior Class.

Requirements for Graduation.

The degree of Doctor of Dental Surgery is conferred upon the completion of a three years course of study, each year to consist of thirty-two weeks and six days in each week. The candidate must be twenty-one years of age, must possess a good moral character, including good deportment while at college. He must have passed a satisfactory examination in all the branches of the curriculum, and have completed all technical and practical requirements. No student will be granted a degree who has not attended this school for the whole of the senior year. The student's standing is based upon attendance, examinations and infirmary practice.

All fees must have been paid in full.

DEPARTMENT OF DENTISTRY.

Schedule of Studies.

The following represents the branches taught during the three years and the time devoted *each week* to the several studies.

FRESHMAN YEAR.

Subjects.	Hours.
Anatomy	3
Chemistry (Inorganic)	4
Materia Medica	1
Physiology	2
Histology	2
Prosthetic Dentistry.....	1 for half session.
Histological Laboratory	5
Prosthetic and Operative Dentistry	Technic, six half days during entire session.
Dissecting, one part.	

JUNIOR YEAR.

Subjects.	Hours.
Anatomy	4
Physiology	2
Chemistry	4
Prosthetic Dentistry	1
Operative Dentistry	2 for 4 months and 1 for remainder of session.
Embryology	2
General Pathology	1
Materia Medica and Therapeutics.	1
Orthodontia	1 for 4 months.
Bacteriology	2
Prosthetic Technics, 3 half days entire session.	
Infirmary Practice, 3 half days for 6 months.	
Dissecting, one part.	

SENIOR YEAR.

Subjects.	Hours.
Anatomy, Surgical	1 for 6 weeks.
Operative Dentistry	2 for entire session.
Prosthetic Dentistry	1 for 4 months and 2 for remainder of session.
Oral Surgery	1
Special Pathology and Therapeutics.	2 for entire session.
Orthodontia	1
Physical Diagnosis	1 for 4 months.
Syphilology	1 for 3 months.
Porcelain and Gold Inlay.....	1 for entire session.
Dental History and Jurisprudence.	special lectures.
Toxicology	1
This schedule is subject to change.	

Anatomy.

The course in this important branch continues through the first and second years with special lectures on Surgical Anatomy of the dental regions in the senior course.

The first semester is devoted to the study of Osteology and Syndesmology. The second semester of the first year is devoted to the study of Myology and Anatomy of Circulatory System.

The second year course includes, in the order mentioned, the study of embryology, circulatory and nervous systems, visceral and regional anatomy.

Special attention will be directed to the anatomy of the viscera and of the head and neck which each student is required to dissect. All students who desire to do special work in anatomy will be given an opportunity to make additional dissections and attend all lectures and demonstrations intended for other classes free of charge.

Dental Anatomy.

The purpose of this course is to instruct the student in the anatomical and esthetic conformation of the teeth and jaws of man.

This subject will be taught by means of lectures illustrated by drawings, charts and lantern slides. Also by composite outline forms of teeth, and of variant forms from nature with the view of training the student's eye in the law of proportion as applied to these forms, so that he can easily and accurately distinguish not only one denomination of teeth from another but also each tooth from the other in the same denomination, without the aid of the so-called surface markings. This will be amplified first, by a study of the surface markings or sub-outlines of the teeth both composite and natural. Second, by a study of the outlines of pulp cavities. Third, by practical exercises in filling, mounting and printing silhouettes of natural teeth, and reproducing composite tooth forms in ivory by carving, and reducing these carvings to silhouette forms for the purpose of cutting artificial pulp cavities therein. Fourth, by a study of the interproximal spaces, proximal contact, alveolar process and gum tissue, and fifth, by a thorough study of the normal arrangement of the human teeth.

DEPARTMENT OF DENTISTRY.

Histology.

The work is divided into two parts. General Histology and Dental Histology.

The student is required to become familiar with the normal histology of the various tissues and organs of the human body and with microscopical technology.

Special attention will be given to the study of the enamel, dentine, cementum, dental pulp, glands, and other tissues of the oral cavity.

Physiology.

The study of physiology is taken up with the beginning of the first year and continued for two years. The instruction will consist of lectures and recitations. Real physiological processes, as observed in living organisms, will be the subject of observation and demonstration. To those who desire to specialize in this branch, a course in the physiological laboratory will be offered.

Chemistry.

The course in chemistry for the freshman year will consist of lectures and recitations for four hours each week, covering inorganic chemistry. Laboratory three hours each week, which will embrace inorganic analysis and such work which relates especially to dentistry, as the analysis of amalgams, alloys and cements.

Organic chemistry will be taught the second year for four hours each week.

Operative Dentistry.

The object of this course is to teach the student how to preserve the human teeth. The lectures will embrace a study of deposits upon the teeth, exclusion of moisture, the pathology of dental caries, and the various phenomena connected therewith, and the preparation of cavities for fillings by classes. Careful consideration will be given to the various instruments and appliances used in dental operations, and the relative value of all filling materials with instruction in their proper manipulation.

The teaching in this branch begins in the operative technic

MARQUETTE UNIVERSITY,

laboratory, and progresses in proper sequence up to the senior year. The course will include and emphasize all the factors that lead up to the successful management of an actual dental practice.

Operative Techniques.

This course is intended to lay the foundation for Operative Dentistry by teaching the fundamental principles of operative procedures. The subject will be presented by lectures, illustrated by means of drawings, charts and models.

The following brief outline indicates the scope of the work required.

A study of the more important properties of steel and exercises in making models of instruments.

Instrument nomenclature and classification.

A study of leverage and of direction and control of force as applied to instrumentation followed by exercises in enamel cleavage, using the various grasps and rests.

Methods and means of separating teeth.

A study of the interproximal spaces.

A study of cavity nomenclature, classification, and correct cavity formation followed by exercises in cavity preparation, depending entirely on the use of hand instruments in the execution of this work.

A study of filling materials, their properties, preparation and manipulation.

Exercises in correct methods of building and finishing fillings to proper form.

Exercises in enlarging, cleaning, drying and filling root canals.

Gold Inlay Fillings.

The great popularity which this class of work has attained in the profession, has moved this school to make gold inlay work one of the permanent requirements. The student must demonstrate his ability to do this work in technique and in the mouth. By reason of the great progress made during the past year along this line, the course offered this year has been greatly strengthened and is thoroughly up to date. The best methods of casting gold inlay fillings will be thoroughly taught.

DEPARTMENT OF DENTISTRY.

Porcelain Inlay Fillings.

Porcelain dental art continues to gain both in importance as well as in practical application. It will be taught in all its bearings, but always confined to proper limitations. The course consists of lectures, technic work, and practical work in the infirmary.

Special attention will be given to the use and care of various kinds of furnaces in the manipulation of porcelain.

Dental Infirmary.

In view of the necessity of a vast amount of practical training, it is not strange that the infirmary is the goal of every student's ambition. It is here that the foundation for a future successful practice is laid. The facilities for doing this work are excellent, and the equipment complete. The patients who present themselves for treatment are received by the superintendent of the infirmary and are assigned to the students according to their needs. The detail in management is thoroughly systematized and every effort is made to train the student to cope with conditions and cases as they may arise in any private practice. The usual Free Clinic privileges are granted to state and county institutions and to orphan asylums. Aside from all this, however, clinical material is abundant and varied. Adjacent to the infirmary proper, is a large Prosthetic Laboratory which is fully equipped with modern apparatus for work in all branches of dentistry.

The infirmary is open daily from 8 A. M. to 5 P. M.

Prosthetic Dentistry.

The instruction in general prosthesis will consist of lectures to each class separately, and by demonstrations on models and in practical experience in the infirmary. The student is here given the theoretical knowledge which is necessary for its practical application. Special attention will be given to the proper selection, arrangement and articulation of artificial teeth to the end that the student may rightly understand the most approved methods of restoring facial expression and normal functions. The philosophy and principles of mastication will be reviewed and emphasized in

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the third year. This will be followed by a consideration of the various temperaments as they relate to the construction of artificial teeth. The indications and contra-indications for all forms of metal plates and crown and bridge work will be thoroughly gone over. Special attention will be given to the various methods of castings in gold as applied to this branch. The course will conclude with a study of palatal mechanism. Taking the impression of a cleft palate, and the construction of artificial vela and obturators.

Prosthetic Techniques.

The course in prosthetic techniques is practical throughout. The student is trained in taking impressions of the mouth and the practical use of all materials employed for that purpose. The proper making of models is emphasized together with the making and repairing of vulcanite plates, swaging metal plates of all the varieties which have merit in actual practice, cast metal dentures, the backing and soldering of teeth, exercises in the making of clasps, and the soldering of bands are all taught in their proper sequence. The work in the second semester will close with a consideration of the metallurgy of all the metals used in dentistry and instruction in the making of solders and a study of the oxidation of metals and the use of fluxes. Instruction in casting in gold and other metals will begin with the second year.

Crown and Bridge Work.

The practical instruction in this branch will begin with exercises in special features of various kinds of plate work, followed by fundamental principles of crown and bridge work. Root preparation and exercises in constructing bands. Restoring badly decayed or fractured roots preparatory to crowning the same. Constructing the various kinds of crowns now used in practice. The carving, casting and swedging of cusps, grinding and backing porcelain facings.

It will also embrace exercises in constructing all that is deemed best in the various systems of bridge work known to modern dentistry. Constructing various kinds of dummies used in bridge work according to the most modern methods, and will conclude

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with a course in the metal construction required in porcelain crown and bridge work, and practical training in porcelain technology as a basis for infirmary practice.

Materia Medica and Pharmacology.

The study of this subject will be taken up in the freshman year. During the first semester the fundamental principles of pharmacy and prescription writing will be taught by lectures and recitations. In the second semester the course is confined to a study of the drugs found in the dental pharmacology. The student is expected to become thoroughly familiar with the physical and chemical properties of these drugs. Derivation, solvents, their dose, antidote, and physiological action.

One lecture will be delivered each week during the entire term.

Dental Pathology and Therapeutics.

A thorough knowledge of this subject is indispensable to every practitioner of dentistry. Without this knowledge a successful practice cannot be maintained. The course will embrace lectures and demonstrations on Inflammation, Control of Pain, Infection, Dentition, Diseases of the Pericementum, Gum Affections, Diseases of the Dental Pulp, Destruction of the Dental Pulp, Alveolar Abscess, Pyorrhea Alveolaris, Hemorrhage, Diseases of the Antrum of Highmore, Facial Neuralgia, Neurosis, Gangrene, Sterilization, Antiseptics, Mouth Washes and Dentrifrices.

Orthodontia.

This course treats of the prevention and correction of oral and facial deformities due to irregular arrangement of the teeth. The successful practitioner in this specialty requires a good knowledge of many of the collateral branches, but he requires more especially a well developed sense of balance and harmony. Therefore, thorough instructions will be given in dento-facial proportion as the guiding principle in the diagnosis and correction of such deformities.

The lectures will be richly illustrated with stereopticon views, charts and X-ray pictures. The newest methods of determining

MARQUETTE UNIVERSITY,

the position of unerupted teeth, and ascertaining the shape of deformed and fused roots of teeth by means of X-ray pictures will be demonstrated before the class.

The course will be taught in the Junior and Senior years, and opportunity for the practical application of the principles and methods taught is given in the infirmary clinic.

Oral Surgery.

One lecture will be delivered each week through the entire term; this will be supplemented by oral surgery clinics. The course will embrace instruction in the general principles of surgery, and pathological conditions of the mouth and face. The practical features of this course will receive special attention. This will include the extraction of malposed and impacted teeth, and the surgical treatment of facial and oral defects. All operations for the treatment of pathological conditions within the province of the oral surgeon will receive the necessary consideration.

General Pathology.

This course will consist of one lecture each week during the junior year, and will form a basis for the study of special pathological conditions of the teeth and organs of the mouth, the relation between health and disease and the various changes which take place in tissue as the result of inflammatory processes will be fully demonstrated.

Bacteriology.

The study of bacteriology is constantly increasing in importance as a necessary adjunct for the intelligent and scientific practitioner of dentistry. Pathological conditions of the teeth and mouth are almost exclusively the result of bacterial life. A clear understanding of the nature of these micro-organisms and their products can not be too strongly emphasized. This course will include a study of the morphology of the various bacteria staining and culture methods, together with a study of their chemical toxic products. Sterilization, disinfection, antiseptics and asepsis will be thoroughly considered.

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Toxicology.

The course in Toxicology is arranged and adapted to suit the needs of the dental student. It will consist of lectures and demonstrations during the first and part of the second semester of the senior year. Special attention will be paid to a consideration of the poisonous effects and treatment of drugs used by the dentist. In illustrating the toxic effects of drugs and the proper treatment the most modern methods will be employed.

Physical Diagnosis and Anaesthesia.

This course will consist of a series of about twelve lectures and will be given during the first semester of the third year. The instructions will have special reference to the examination of the patient as to the advisability of the use of an anaesthetic and the use of restoratives. The safe administration of all anaesthetics will be thoroughly taught and illustrated by demonstrations upon the living subject. The early diagnosis of diseases of the nose, pharynx and mouth as they relate to dentistry, will form one of the interesting features of this course.

Students' Conduct.

The college reserves the right to terminate its connection with any student at any time, whenever such action may seem advisable, on the grounds of immoral or disorderly conduct, or failure to conform to the rules of the college.

MARQUETTE UNIVERSITY,

Examinations.

I.—FRESHMAN YEAR:

- (1) *Anatomy:* (a) Dental Anatomy.
(b) General Anatomy.
- (2) *Chemistry.*
- (3) *Materia Medica.*
- (4) *Histology.*
- (5) *Operative and Prosthetic Technics.*
- (6) *Physiology.*

II.—JUNIOR YEAR:

- (1) *Anatomy.*
- (2) *Physiology.*
- (3) *Chemistry.*
- (4) *Bacteriology and Pathology.*
- (5) *Therapeutics.*
- (6) *Crown and Bridge Technic.*
- (7) *Prosthetic Dentistry.*
- (8) *Operative Dentistry.*
- (9) *Embryology.*

III.—SENIOR YEAR:

- (1) *Operative Dentistry.*
- (2) *Prosthetic Dentistry.*
- (3) *Oral Surgery.*
- (4) *Special Pathology, Materia Medica and Therapeutics.*
- (5) *Orthodontia.*
- (6) *Physical Diagnosis.*
- (7) *Toxicology.*
- (8) *Porcelain and Gold Inlay.*
- (9) *Syphilology.*

This schedule is subject to change.

DEPARTMENT OF DENTISTRY.

Fees.

FIRST OR FRESHMAN YEAR.

Matriculation Fee	\$ 5.00
General Ticket	150.00
Total Fees, first year.....	\$155.00

SECOND OR JUNIOR YEAR.

Matriculation Fee	\$ 5.00
General Ticket	150.00
Total Fees, second year.....	\$155.00

THIRD OR SENIOR YEAR.

Matriculation Fee	\$ 5.00
General Ticket	150.00
Graduation Fee	15.00
Total Fees, third year.....	\$170.00

The tuition fee is due on the first day of the term.

When it is desired to divide the fees into two payments, the dates for such payments are October 6, 1908, and January 5, 1909.

Fees once paid cannot under any circumstances be returned. There will be no additional tuition fees of any kind.

Address all Communications to

Marquette University, Dept. of Dentistry,

CORNER NINTH AND WELLS STREETS,

MILWAUKEE, WIS.

MARQUETTE UNIVERSITY,

Text Books.

FIRST YEAR.

Required:

Anatomy—Gray, \$6.00.

Dental Anatomy—Black, \$2.50.

Physiology—Ott, \$3.50; Kirke's, Brundage's Practical Points.
The American Text Book of Prosthetic Dentistry—Turner,
\$6.00.

Manual of Chemistry—Sommer, \$2.50.

Histology—Bailey, \$3.00.

Medical Dictionary—Dorland, Gould, \$1.00.

SECOND YEAR.

Required:

Anatomy—(Same as first year.)

Physiology—(Same as first year.)

Prosthetic Dentistry—(Same as first year.)

Principles and Practice of Filling Teeth—Johnson, \$2.50.

Principles and Practice of Crown and Bridge Work—
Goslee, \$5.00.

Recommended:

Bacteriology—Williams, \$2.75.

Dental Materia Medica and Therapeutics—Long, \$3.00.

Dental Chemistry and Metallurgy—Mitchell, \$2.00.

Medical Dictionary—Dorland, Gould, \$1.00.

THIRD YEAR.

Required:

The American Text Book of Operative Dentistry—Kirke,
\$6.00.

Text Book of Operative Dentistry—Johnson—In Press.

Dental Pathology and Therapeutics—Burchard.

Oral Surgery—Marshall, \$5.50.

Recommended:

Principles and Practice of Crown and Bridge Work—
Goslee, \$5.00.

Principles and Practice of Porcelain Art—Byram—In Press.
Medical Dictionary—Dorland, Gould.

The American Text Book of Prosthetic Dentistry—Turner.

Micro-Organisms of the Human Mouth—Miller.

Comparative Dental Anatomy—Tomes.

Diseases and Injury of the Teeth—Smale and Colyer.

DEPARTMENT OF DENTISTRY.

Alumni Association of Marquette University.
Department of Dentistry.

OFFICERS FOR 1908-1909.

- ARTHUR A. JENNINGS..... President
J. S. DANFORTH..... Vice President
WILLIAM KETTLER..... Secretary and Treasurer

EXECUTIVE COMMITTEE.

E. J. SCHLEIF. W. T. HARDY.
E. C. WACKLER. R. J. HEALY.
F. C. MALOY.

GRADUATES OF 1895.

- Goldman, M.....Germany Meloy, F. C.....Milwaukee, Wis.
Lindeman, B. W.....Milwaukee, Wis.

GRADUATES OF 1896.

- Hoechl, H. P. Milwaukee, Wis.
Jones, G. H. Duluth, Minn.
Luethe, A., Ph.G. Milwaukee, Wis.
Schuster, E. E. Milwaukee, Wis.
Taylor, H. V. Milwaukee, Wis.
Theisen, F. M. Milwaukee, Wis.

GRADUATES OF 1897.

- | | | | |
|----------------|-------------------|------------------|--------------------|
| Bender, J. | Oshkosh, Wis. | McVettie, J. W. | Deceased. |
| Bell, H. J. | Detroit, Mich. | Pierce, W. C. | Hurley, Wis. |
| Berg, E. J. | Milwaukee, Wis. | Schleif, E. J. | Milwaukee, Wis. |
| Beyer, F. R. | Milwaukee, Wis. | Strauss, O. A. | Milwaukee, Wis. |
| Bradley, J. E. | Canton, Ill. | Taugher, E. P. | Milwaukee, Wis. |
| Budd, G. E. | Adams, Minn. | Thayer, A. M. | Milwaukee, Wis. |
| Hirtz, N. F. | Los Angeles, Cal. | Topp, C. | Clintonville, Wis. |
| Hirtz, P. G. | Milwaukee, Wis. | Wigginton, J. N. | Waukesha, Wis. |
| Koch, W. C. | Milwaukee, Wis. | Wirsing, G. | Germany. |
| Maier, W. S. | Milwaukee, Wis. | Zochert, W. C. | Chicago, Ill. |
| Morton, H. G. | Milwaukee, Wis. | | |

GRADUATES OF 1898.

- Abell, H. R. Waterloo, Wis.
Carter, G. H. Milwaukee, Wis.
Gilfillan, L. A. West Salem, Wis.
Goodhouse, R. E. Randolph, Wis.
Hurd, C. F. Lodi, Wis.
Keller, G. G. Milwaukee, Wis.
Kleist, P. Deceased.
Lyon, G. W. Menominee Falls, Wis.
Maynard, W. T. Milwaukee, Wis.
Mulholland, P. F. Milwaukee, Wis.
Robinson, W. B. Milwaukee, Wis.
Runge, F. C. Houghton, Mich.
Schottler, J. G. Milwaukee, Wis.
Singer, D. Milwaukee, Wis.
Skewes, W. G. Mukwonago, Wis.
Wackler, E. C. Milwaukee, Wis.
Wetherby, C. C. Mauston, Wis.

GRADUATES OF 1899.

- Bright, H. C. Manistee, Mich.
Bruns, E. W. Milwaukee, Wis.
Cristman, E. R. Milwaukee, Wis.
Conley, E. J. Milwaukee, Wis.
Danforth, J. S. Sheboygan, Wis.
Durham, S. C. Reed City, Mich.
Dwyer, J. W. Minneapolis, Minn.
Freiman, J. J. Green Bay, Wis.
Fowle, I. H. So. Milwaukee, Wis.
Giffen, L. H. Webster City, Ia.
Hambach, F. W. Milwaukee, Wis.
Krainik, J. A. Milwaukee, Wis.
May, C. H. Milwaukee, Wis.
Purtell, J. E. Milwaukee, Wis.
Reuter, P. A. Milwaukee, Wis.
Simon, H. A. Manitowoc, Wis.
Strong, H. F. Milwaukee, Wis.
Thomas, D. H. Milwaukee, Wis.
Thompson, A. N. Milwaukee, Wis.
Vandenburgh, C. N.
Wilde, G. H. Milwaukee, Wis.

MARQUETTE UNIVERSITY,

GRADUATES OF 1900.

Babcock, D. W.	Augusta, Wis.	Leonard, J. W.	Milwaukee, Wis.
Bibinger, A. J.	Wittenberg, Wis.	Lyke, J. B.	Sheboygan, Wis.
Booth, L. W.	Milwaukee, Wis.	Lyons, W. E.	Watertown, Wis.
Brunow, P. J.	Deceased.	Morris, H. C.	Racine, Wis.
Crowley, J. F.	Chicago, Ill.	Mueller, F. A.	Waukesha, Wis.
Dean, E. A.	Sheboygan, Wis.	Nehs, A. M.	Milwaukee, Wis.
DeLap, R. H.	Deceased.	Olson, C. M.	Waupaca, Wis.
Druse, F. W.	Milwaukee, Wis.	O'Neil, F. G.	Juneau, Wis.
Ewart, A. A.	Milwaukee, Wis.	Oviatt, E. C.	Columbus, Wis.
Fedderspiel, M. N.	Racine, Wis.	Purtell, T. A.	Milwaukee, Wis.
Frank, G. H.	Jackson, Wis.	Richards, C. E.	Deceased.
Frazey, B. O.	Conrad, Iowa.	Rosenbaum, C. T.	Milwaukee, Wis.
Gruettner, R. C.	Milwaukee, Wis.	Schlafer, U. F.	Milwaukee, Wis.
Harrord, W. A.	Des Moines, Iowa.	Treazona, W. C.	Hurley, Wis.
Hensel, I. I.	Arcadia, Wis.	Vits, A. J.	Manitowoc, Wis.
Hoag, E. L., Jr.	S. Milwaukee, Wis.	Wagner, H. A.	Sheboygan, Wis.
Holliday, G. H.	Princeton, Wis.	Wenker, G. I.	Milwaukee, Wis.
Kloehn, E. H.	Brillion, Wis.		

GRADUATES OF 1901.

Akan, M. J.	Highland, Wis.	Karstedt, A.	Deceased.
Adam, M. F.	Pt. Washington, Wis.	Keyes, G. J.	Milwaukee, Wis.
Barber, H. C.	Milwaukee, Wis.	Knilans, D. A.	Marshfield, Wis.
Beil, O. A.	Ashland, Wis.	Lowerre, R. H.	Delafield, Wis.
Beibesheimer, J.	Milwaukee, Wis.	Lewiston, C. T.	Eau Claire, Wis.
Britten, M. R.	Wheaton, Minn.	Pritchard, G.	Milwaukee, Wis.
Brown, A. J.	Milwaukee, Wis.	Plathner, E. A.	Milwaukee, Wis.
Bellin, J. J.	Wausau, Wis.	Pendergast, W. J.	Milwaukee, Wis.
Brunn, A. M.	Deceased.	Robertson, J. F.	Crandon, Wis.
Conroy, R. R.	Milwaukee, Wis.	Ross, O. A.	Albert Lee, Minn.
Coyle, A.	Oconomowoc, Wis.	Ryan, D. J.	Algoma, Wis.
Casey, E.	Milwaukee, Wis.	Ryan, T. D.	Oconto Falls, Wis.
Dickenson, G. H.	Milwaukee, Wis.	Ramsey, W. G.	Milwaukee, Wis.
Ellis, H. A.	Mazomanie, Wis.	Sherman, L. A.	Toledo, Ill.
Flancher, E. A.	Milwaukee, Wis.	Swaney, W. B.	Milwaukee, Wis.
Gorr, W. H.	Milwaukee, Wis.	Sullivan, W. C.	Kaukauna, Wis.
Hansen, F. O.	Racine, Wis.	Smith, F. P.	New Westminster, B.C.
Hilker, A. A.	Clinton, Wis.	Strauss, A. O. H.	Milwaukee, Wis.
Healy, R. J.	Milwaukee, Wis.	Schlueter, A. J.	Watertown, Wis.
Herring, E. W.	Barron, Wis.	Summers, C. E.	Milwaukee, Wis.
Hewitt, B. E.	Milwaukee, Wis.	Thomas, R. D.	Milwaukee, Wis.
Harrison, J. G.	Milwaukee, Wis.	Tusler, B. H.	Madison, Wis.
Hubenthal, C. G.	Mineral Pt, Wis.	Wehrman, O. H.	Milwaukee, Wis.
Kribohm, W. L.	Milwaukee, Wis.	Ziglinski, N. T.	Manitowoc, Wis.
Kettler, W.	Milwaukee, Wis.		

GRADUATES OF 1902.

Brace, F. S.	Deceased.	Kent, G. J.	Algoma, Wis.
Busse, R. O.	Marathon, Wis.	Lewis, W. W.	Brooklyn, N. Y.
Baird, V.	Monticello, Wis.	Leggatt, S. T.	Milwaukee, Wis.
Brown, J. R.	Milwaukee, Wis.	Logan, D. D.	Milwaukee, Wis.
Briggs, H. E.	Genoa Jct, Wis.	Metzger, F. J.	Beaver Dam, Wis.
Campbell, S. H. N.	Menominee Falls, Wis.	Mueller, E. A.	Reeseville, Wis.
Carey, E. M.	Beloit, Wis.	Mauer, J. F.	Fennimore, Wis.
Collins, J. B.	Milwaukee, Wis.	Nye, C. H.	Viola, Wis.
Hedback, W. N.	Cumberland, Wis.	Nicholus, H. F.	Milwaukee, Wis.
Hopkinson, Wm.	Milwaukee, Wis.	Neubert, W. L.	Milwaukee, Wis.
Jane, C. J.	Milwaukee, Wis.	Neuman, W. C.	Plymouth, Wis.
Joslin, O. W.	Milwaukee, Wis.	Olson, J. A.	Racine, Wis.
Monroe, E. F.	Hartford, Wis.	Peterson, C. B.	Cashton, Wis.
Marck, A. A.	Dale, Wis.	Ramsay, G. F.	Milwaukee, Wis.
McFarlane, W. A.	Waukesha, Wis.	Seehase, C. W.	Manitowoc, Wis.
McBeath, H.	Milwaukee, Wis.	Stark, A. P.	Los Angeles, Cal.
Frisque, L. L.	Milwaukee, Wis.	Steenesen, J. S.	West Salem, Wis.
Gruber, J. G.	Racine, Wis.	Stemper, A. A.	Milwaukee, Wis.
Gage, C. E.	Milwaukee, Wis.	Werneck, O. C.	Manitowoc, Wis.
Gehr, F. E.	Green Bay, Wis.	Welton, M.	Pewaukee, Wis.
Henderson, F. C.	Stoughton, Wis.	Wilson, F. J.	Paris, France.
Herig, E. K.	Milwaukee, Wis.	Wollensak, P.	Milwaukee, Wis.
Kestly, R.	Milwaukee, Wis.	Wilde, E. F.	Milwaukee, Wis.
Keller, S.	Milwaukee, Wis.	Wigginton, H. M.	E. St. Louis, Mo.

DEPARTMENT OF DENTISTRY.

GRADUATES OF 1903.

Bricker, C. M.	Park Falls, Wis.	Johnson, T.	Wausau, Wis.
Barsness, P. S.	Middleton, Wis.	Kreutzman, E. H.	Deceased.
Clarke, E. J.	W. Grand Rapids, Wis.	Krause, O. G.	Milwaukee, Wis.
Dexter, J. E.	Oberlin, Ohio.	Laidlaw, A.	Milwaukee, Wis.
Flohr, E. W.	N. Milwaukee, Wis.	Loos, A. W.	Elkhart Lake, Wis.
Ferriter, F.	Hillsboro, Wis.	Liebstuck, E.	Milwaukee, Wis.
Frantz, E. C.	Milwaukee, Wis.	Mason, Geo. E.	Racine, Wis.
Gudger, R.	Kirwin, Kans.	Notz, E. J.	Milwaukee, Wis.
Harrington, G. E.	Butternut, Wis.	Ritzenthaler, L.	Milwaukee, Wis.
Herthel, H. D.	Milwaukee, Wis.	Roberts, E. O.	Cambria, Wis.
Heise, G.	Manitowoc, Wis.	Spang, G. W.	Clintonville, Wis.
Hardy, W. T.	Milwaukee, Wis.	Tasche, H. D.	Sheboygan, Wis.
Happle, C. F.	Camp Douglas, Wis.	Vogal, J. A.	Omora, Wis.
Haskell, G. W.	Mason, Wis.	Weilge, W. E.	Milwaukee, Wis.
Jones, W. A.	Hayward, Wis.	Worden, E. A.	Depere, Wis.
Jennings, A. A.	Milwaukee, Wis.	Wagner, J. A.	Madison, Wis.

GRADUATES OF 1904.

Boerger, B. H.	Milwaukee, Wis.	Lewin, M. H.	Chicago, Ill.
Bryant, Cora J.	Colby, Wis.	Lindo, F.	Marion, Wis.
Bentley, M. O.	Milwaukee, Wis.	Morgenroth, C. R.	Berlin, Wis.
Calkins, O. V.	Shawano, Wis.	Melchior, G.	Gillett, Wis.
Dempsey, T.	Montello, Wis.	Meng, O.	Madison, Wis.
Dodge, E. E.	Deceased.	Morris, W. H.	Deceased.
Droegkamp, O. A.	Milwaukee, Wis.	McCarten, E.	Fargo, N. D.
Fowle, H. H.	Milwaukee, Wis.	Nelson, J. D.	Milwaukee, Wis.
Friedman, S. D.	Springfield, Ill.	Nelson, J. M.	Ellsworth, Wis.
Goelzer, G.	Green Bay, Wis.	Poppe, M.	Wautoma, Wis.
Harrison, E. S.	Waukesha, Wis.	Pomrening, H. E.	Depere, Wis.
Hoerman, E. J.	Watertown, Wis.	Pomrening, A. F.	Union Grove, Wis.
Hackett, J. M.	Milwaukee, Wis.	Roach, T.	Waukesha, Wis.
Hansen, A. H.	Milwaukee, Wis.	Rozmarynowski, A. G.	Milwaukee, Wis.
Hansen, F. N.	Hartland, Wis.	Regan, P. C.	Waukegan, Ill.
Heiliger, W.	Oconto, Wis.	Rowley, R. C.	Bayfield, Wis.
Hurd, W. T., Jr.	Linden, Wis.	Straub, W.	Milwaukee, Wis.
Hentschel, C. J.	Milwaukee, Wis.	Spalsbury, J. A.	Sawyer, Wis.
Henneman, H. F.	Menomonee, Wis.	Sacket, S. T.	Racine, Wis.
Hinz, A. F.	Milwaukee, Wis.	Straight, F. W.	Markesan, Wis.
Holtz, F. A.	Nekoosa, Wis.	Tuckwood, C. C.	Shiocton, Wis.
Joslin, F. L.	Poynette, Wis.	Tainter, G. B.	Milwaukee, Wis.
Kloehn, O. R.	Brillion, Wis.	Weickel, H. H.	Oakfield, Wis.
Kennedy, T. F.	Janesville, Wis.	Wing, F. E.	Milwaukee, Wis.
Kreutzman, H. H.	Hillsboro, Wis.	Young, Mabel	Cripple Creek, Col.
Kohlsdorf, E. G.	Milwaukee, Wis.		

GRADUATES OF 1905.

Burg, R. A.	Milwaukee, Wis.	Redeman, E. H.	Marinette, Wis.
Boecker, H. J.	Milwaukee, Wis.	Reinfried, C. E.	Madison, Wis.
Bartlett, T. D.	Rockford, Ill.	Mathews, T.	Milwaukee, Wis.
Bridgman, H. G.	Wautoma, Wis.	Mudroch, J. W.	Milwaukee, Wis.
Blaesser, G. W.	Cedarburg, Wis.	Maag, W. J.	Wauwatosa, Wis.
Campbell, C. F.	Racine, Wis.	Matthieson, C.	Milwaukee, Wis.
Coad, T. W.	Fond du Lac, Wis.	Pohland, H. J.	Sheboygan, Wis.
Cressey, R.	Milwaukee, Wis.	Phillips, W. J.	LaCrosse, Wis.
Dowdna, H. M.	Jennings, Mich.	Sweet, W. S.	Hampton, Iowa.
Goeres, Max	Kiel, Wis.	Scanlon, C. A.	Manawa, Wis.
Hocom, W. L.	Cumberland, Wis.	Thiedeman, W. L.	Milwaukee, Wis.
Hollis, P.	Wausau, Wis.	Trager, F. A.	Alma, Wis.
Hanson, O. W.	Spearfish, S. D.	Thiel, H. F.	Milwaukee, Wis.
Johnson, R. H.	West Allis, Wis.	Titel, A. W.	Greenleaf, Wis.
Johnson, T. E.	Spearfish, S. D.	Wake, C. H.	Milwaukee, Wis.
Kabel, P.	Merrill, Wis.	Wedemeyer, J. W.	Milwaukee, Wis.
Kuechle, T.	Sheboygan, Wis.	Wrigglesworth, F.	Eau Claire, Wis.

GRADUATES OF 1906.

Callaway, J. E.	Milwaukee, Wis.	Rule, J. S.	Hampton, Iowa.
Donahue, M. F.	Milwaukee, Wis.	Savage, T. W.	Platteville, Wis.
Hassold, W. L.	East Troy, Wis.	Stapleton, E. F.	Milwaukee, Wis.
Lademan, A.	Waunakee, Wis.	Smith, W. T.	Sister Bay, Wis.
Musil, E. E.	Racine, Wis.		

MARQUETTE UNIVERSITY,

GRADUATES OF 1907.

C. Beuthien	Houghton, Mich.	Lunz, E. J.	Milwaukee, Wis.
Dietrich, A. C.	Milwaukee, Wis.	Mortell, J. F.	Reedsburg, Wis.
Dettmann, W. M.	Random Lake, Wis.	Maercklein, B. W.	Milwaukee, Wis.
Frackelton, A.	Milwaukee, Wis.	O'Connor, A. J.	Watertown, Wis.
Hanke, R. H.	Milwaukee, Wis.	Schott, R. A.	Bucyrus, Ohio.

GRADUATES OF 1908.

Bakke, Simon	DeForest, Wis.	Kenney, M. R.	Milwaukee, Wis.
Brambach, B. W.	Milwaukee, Wis.	Marcan, C. M.	Milwaukee, Wis.
Clark, J. R.	Spring Valley, Wis.	Omura, Kadzuo	Tokio, Japan
Dornfeld, O. H.	Watertown, Wis.	Park, R. D.	Glenwood, Wis.
Drews, A. H.	Larsen, Wis.	Potterton, E. J.	Dodgeville, Wis.
Gauerke, A. C.	Milwaukee, Wis.	Samphere, O. C.	Milwaukee, Wis.
Helland, C. A.	Mt. Horeb, Wis.	Schutz, J. W.	Milwaukee, Wis.
Heise, Chas. T.	Manitowoc, Wis.	Sauter, A. W.	Milwaukee, Wis.
Hutchinson, Riley..	Poynette, Wis.	Straub, W. F.	Germantown, Wis.
Howell, P. A.	Lancaster, Wis.	Schlecht, C. C.	Ashland, Wis.
Ihrig, H. H.	Heidelberg, Minn.	Scheel, L. C.	Platteville, Wis.
Jones, R. T.	Oconomowoc, Wis.		

FRESHMAN.

Aldrich, W. W.	Herman, John L.	Raiche, L. I.
Andrew, Harry R.	Kinast, J.	Reiss, Mayo.
Block, Arnold.	Kyburz, F. M.	Reschke, Oscar.
Brown, J. R.	Koch, C. M.	Schaffer, Walter.
Bresee, F. R.	Luecker, Arthur.	Schmidler, Alfred.
Cobb, C. A.	Lamphere, H. L.	Smith, R. E.
Cohen, Sol.	Nelson, John A.	Schlüeter, Frank.
Eiche, R. E.	Quinn, Peter.	Shively, Fred.
Hopkinson, Roy.	Runde, Leander.	Young, Erich.

JUNIORS.

Abaly, W. C.	Finnegan, B.	Rohloff, H. F.
Anderson, Geo.	Graf, R.	Ruhland, J.
Bleck, Alvin.	Hayes, B. W.	Reuter, A. C.
Denison, Ernest.	Heintzen, Walter.	Regan, S. T.
Durcopp, Walter.	Jones, H. E.	Salter, C. A.
Duenck, A.	Lindow, A.	Woerfel, R.
Foote, W. J.	Nelson, E. A.	

SENIORS.

Bakke, S.	Hutchinson, R.	Potterton, E. J.
Brambach, B.	Howell, P.	Samphere, O. E.
Clark, J. R.	Ihrig, H. H.	Schutz, J.
Dornfeld, O. H.	Jones, R. T.	Sauter, A. W.
Drews, A. H.	Kenney, M.	Straub, W.
Gauerke, A. C.	Marcan, C.	Schlecht, C. C.
Helland, C. A.	Omura, K.	Scheel, L. C.
Heise, Chas.	Park, R. D.	

DEPARTMENT OF DENTISTRY.

MARQUETTE UNIVERSITY

Six Departments. :: :: Ninety-three Professors and Instructors.
Eight Hundred and Thirty-five Students.

THE DEPARTMENTS ARE:

I--THE COLLEGE OF ART AND SCIENCES.

Logic, Metaphysics, Ethics, Political Science, Economics, History, English Language and Literature, Christian Evidences, Ancient Languages, German, French, Mathematics, Physics, Chemistry, Astronomy, Geology, Biology, Teachers' Course, Elocution, Oratory and Debate, Illustration and Mechanical Drawing, Vocal and Instrumental Music. The course extends over four years and leads to the degree of Bachelor of Arts (A. B.)

II--DEPARTMENT OF MEDICINE.

The requirements for admission are those adopted by the Association of American Medical Colleges. The object of the department of medicine is to give such professional training to men and women as will make them successful in the actual practice of medicine. The course extends over four years and leads to the degree of Doctor of Medicine (M. D.)

III--DEPARTMENT OF LAW.

This department, now entering upon its sixteenth year, furnishes such legal training as will fit students for the practice of law or prepare them for greater success in business. The teaching staff is recruited entirely from the ranks of lawyers actively engaged in their profession. This gives the school a distinctly practical atmosphere, which is apt to be lacking in a strictly theoretical school, whose teachers have never been practitioners, or have retired from the active profession of the law. The course extends over three years; it offers excellent library facilities.

V--DEPARTMENT OF DENTISTRY.

The Department is a member of the National Association of Dental Faculties and recognized by the National Association of Dental Examiners. Candidates for admission must present credits showing that they have completed three years of high school work, or must pass a satisfactory preliminary examination. The course covers three years, consisting of thirty-two teaching weeks and six days in each week, and leads to the degree of Doctor of Dental Surgery (D. D. S.)

VI--DEPARTMENT OF ENGINEERING.

This Department has recently been added to the University. It is under the direction of Dean John C. Davis of Cornell. Dean Davis comes to Marquette highly recommended by the authorities of Cornell. The department will conduct courses in Civil Engineering, Mechanical Engineering and Electrical Engineering. The courses for the present will extend over two years and only those will be offered for which the University is equipped to do thorough and scientific work.

VI--DEPARTMENT OF PHARMACY.

The candidate must be at least eighteen years old and must have finished one year of high school work. Those who complete the full regular course of two years of eight months each year will receive the degree of Graduate in Pharmacy (Ph. G.) Those who finish the three year course will receive the degree of Master of Pharmacy (Ph. M.)

TRINITY HOSPITAL TRAINING SCHOOL FOR NURSES

This school was founded in 1890.

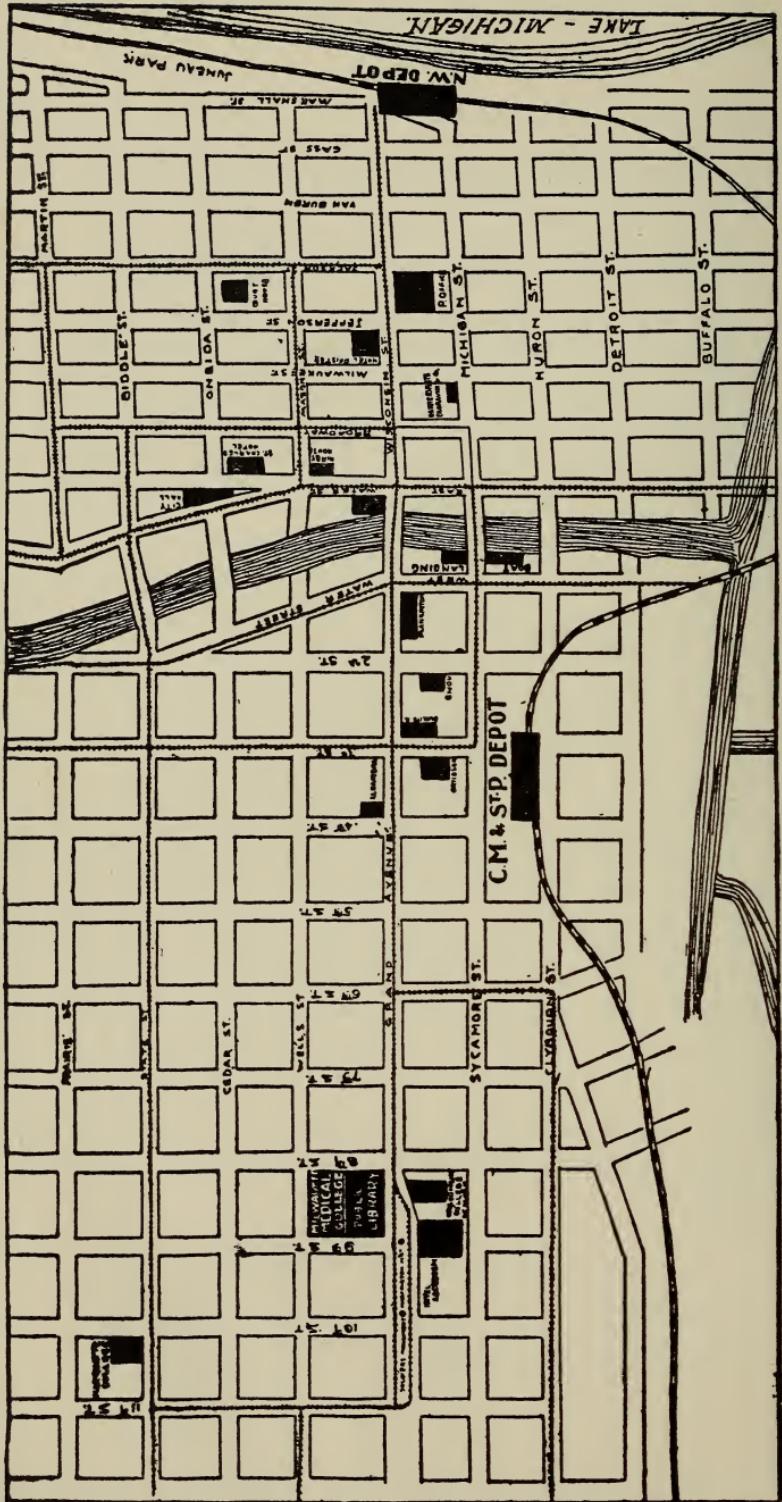
The didactic instruction is given in Trinity Hospital and Milwaukee Medical College. Clinical instruction is given in Trinity Hospital, Milwaukee Free Dispensary, Isolation Hospital, National Home Hospital D. V. S., Children's Free Hospital, the various clinics of Milwaukee Medical College, and in the homes of private families.

Nurses are furnished for outside nursing when desired. For further information address Superintendent of Nurses.

Address All Communications to
Superintendent Trinity Hospital
MILWAUKEE, WIS. :: TELEPHONE GRAND 737

Trinity Hospital.

This institution is now so well known that little needs to be said as to its merits. It is located at the corner of Ninth and Wells Streets, one of the most beautiful places in the city for this purpose. It is constructed of brick and stone, heated with steam, and lighted with electricity. It has every modern convenience for the care and comfort of patients, and its rates are as low as it is possible to make them. Its operating rooms are the best of their kind, the walls being lined with white tiling and the floors made of white vitrified material. An elevator, operated with electricity, passes from the basement to the top floors, so that patients are spared the annoying experiences met with in reaching the upper floors of hospitals not so provided. The nursing in the hospital is in charge of a competent superintendent, who has always a sufficient number of trained nurses at her disposal. Until such time as there are founded one or more free beds, indigent patients desiring to secure free medical or surgical treatment at the hospital must secure sufficient funds to pay for board and medicine. This they can best do in their own neighborhoods through the church or charitable associations. A maternity ward is maintained where unfortunates may be cared for during confinement.



NOTE.—To reach the College Building, take Twelfth St. or Wells St. east going west on Wisconsin St. or Grand Avenue, get off at Ninth St. and walk one block north.

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE



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